

AMENDMENTS

In the Claims

Please amend claims 22-24 as shown herein.

Claims 13-24 are pending and are listed following:

13. (previously presented) One or more computer readable media comprising computer executable instructions that, when executed, direct a computer to implement a method comprising:

identifying a syntax-independent programming intent represented as a first node of a data structure;

identifying a second node of the data structure, the second node being referenced from the first node and containing data; and

identifying a unique name for code associated with the syntax-independent programming intent.

14. (previously presented) One or more computer readable media as recited in claim 13, further comprising computer executable instructions that, when executed, direct the computer to implement the method further comprising executing the code identified by the unique name.

15. (previously presented) One or more computer readable media as recited in claim 13 wherein the code comprises low level computational constructs.

1 **16. (previously presented)** One or more computer readable media as
2 recited in claim 13 wherein the first node, the second node, and additional nodes
3 of the data structure comprise a hierarchical tree of nodes that each represent a
4 syntax-independent programming intent.

5
6 **17. (previously presented)** A method of handling data, comprising:
7 reading a syntax-independent programming intent represented as a first
8 node of a hierarchical tree;

9 identifying a second node of the hierarchical tree, the second node being
10 referenced from the first node and containing data; and

11 identifying a unique name for code associated with the syntax-independent
12 programming intent.

13
14 **18. (previously presented)** A method as recited in claim 17 further
15 comprising executing the code identified by the unique name.

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17 **19. (previously presented)** A method as recited in claim 17 wherein
18 the code comprises low level computational constructs.

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20 **20. (previously presented)** A method as recited in claim 17 wherein
21 the first node, the second node, and additional nodes comprise the hierarchical
22 tree, and wherein each of the first node, the second node, and the additional nodes
23 each represent a programming intent.

1 **21. (previously presented)** One or more computer readable media
2 configured to maintain a data structure that is a syntax-independent representation
3 of a program, the data structure comprising:

4 a first node received as an input and configured for display as a
5 representation of a syntax-independent programming intent;

6 a second node having data configured for manipulation when implementing
7 the syntax-independent programming intent; and

8 wherein the first node has a unique identifier of the second node, and the
9 first node uniquely identifies code for implementing the programming intent.

10
11 **22. (currently amended)** ~~A data structure~~ One or more computer
12 readable media as recited in claim 21 wherein one or more additional nodes
13 comprise a hierarchical tree of nodes that are each received as an input and
14 configured for display as a representation of a syntax-independent programming
15 intent, and wherein each of the one or more additional nodes uniquely identify
16 code for implementing the respective programming intent.

17
18 **23. (currently amended)** ~~A data structure~~ One or more computer
19 readable media as recited in claim 22 wherein the one or more additional nodes
20 comprise nodes selected from multiple different computational constructs.

1 **24. (currently amended)** ~~A data structure~~ One or more computer
2 readable media as recited in claim 21, wherein the data structure further
3 comprises:
4 a node type tag and unique identifier pointing to implementation code;
5 an optional data section; and
6 a list of offspring of the node identified by the node type tag and a list of
7 pointers to further nodes.